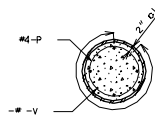
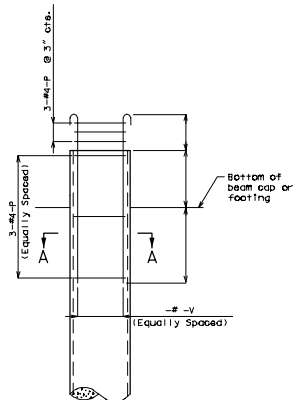
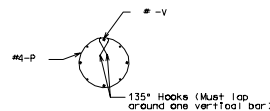


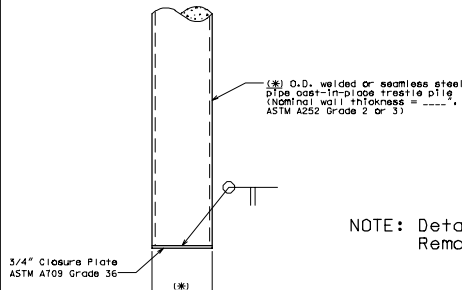
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SECTION A-A



DETAIL OF SEISMIC STIRRUP BAR



WELDED OR SEAMLESS STEEL PIPE CAST-IN-PLACE PILE

NOTE: Detailer replace (\*) with either 14", 20" or 24" C.I.P. Pile  
Remove note for waterjetting for 14" C.I.P. Pile

DETAILS OF CAST-IN-PLACE PILE

NOTE:

All concrete for cast-in-place piles shall be Class B-1.  
Where 3/4" closure plates are required for tips of pipe piles, the closure plates shall not project beyond the outside diameter of the pipe piles. Satisfactory weldments may be made by beveling tip ends of pipe or by use of helix backing rings. In either case, proper gaps shall be used to obtain weld penetration full thickness of pipe.

Splice details for cast-in-place concrete piles shall be in accordance with the manufacturer's recommendations.

All splices of shells for cast-in-place concrete piles shall be made watertight and to the full strength of the shell above and below the splice to permit hard driving without damage. All shells damaged during driving shall be replaced without cost to the State. Shell sections used for splicing shall be at least 5'-0" in length. The splice at the tapered section shall be at least 3'-0" below the struts for intermediate truss type bents.

Waterjetting will be permitted with 20" or 24" piles.

The minimum wall thickness of any spot or local area of any type shall not be more than 12.5% under the specified nominal wall thickness.